

Chao, Ming-tai

From: Chao, Ming-tai
Sent: Monday, October 03, 2016 11:33 AM
To: 'Pieter Scheer'
Cc: Murray, John E
Subject: RE: Davidson County C&D Landfill (Permit No. 29-06)

Hi Pieter:

Please send me the electronic file of the approved Closure and Post-closure plan and CQA plan of the Davidson County CDLF; it is evident that the requested plans are not available in the file or document tracking system. I conducted a review of the documents that attached to the September 29, 2016 e-mail, few comments state below:

1. What is the size (acreage) of the closed area? The permitted disposed area of the CDLF is 7.6 acres but the drawings show the "Contract Limits" is 9.1 acres. Please clarify. The acreage will be used as the basis for calculating post-closure care costs.
2. The approved maximum side slope of the final cap of the CDLF is 4 (horizontal) to 1 (vertical) as shown on the Section 3.1 of the Facility and Engineering Plan dated March 2009 and revised April 2011 (DIN 13912). The proposed closure side slope is 3 to 1 or 4 to 1 as stated in the September 29, 2016 letter (DIN 26790). The section(s) of the closed cap has 3 to 1 side slope requires to be illustrated/noted on the closure plan drawing(s), and the slope stability analysis of the 3 to 1 side slope must be submitted for a review and approval.
3. The LLDPE is directly placed over the intermediate soil cover; therefore, the top 6-inch (at a minimum) of this soil cover must be specified for the maximum soil grain size (including testing method and frequency) and the final preparation (including the subgrade acceptance & the base-line survey) for receiving the overlying LLDPE. The Specification Section 02223 – Embankment Table 1 Note 5 may be amended to incorporate the revision or cross-referenced of Part D. 3 of Section 02778 - LLDPE.
4. A side riser pipe located in the Phase 1 area as shown on Sheet No. 3/Drawing No. S2 will be used for leachate removal. Is there any special requirement(s) for protecting the pipe? How is the pipe incorporating to the final closure cover? Please clarify.

Please contact me if you have any questions of the comments.

Ming Chao

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From: Pieter Scheer [mailto:pieter@smithgardnerinc.com]
Sent: Thursday, September 29, 2016 3:42 PM
To: Mussler, Ed <ed.mussler@ncdenr.gov>
Cc: Chao, Ming-tai <ming.chao@ncdenr.gov>; Heim, Susan A <susan.heim@ncdenr.gov>; Buck, Rex <Rex.Buck@davidsoncountync.gov>; Sink, Steven <steven.sink@davidsoncountync.gov>; Scheer, Pieter <pieter@smithgardnerinc.com>
Subject: Davidson County C&D Landfill (Permit No. 29-06)

Ed:

Per my email last week, please use the link below to access our letter which includes:

1. Notification of Intent to Close;
2. Request for Alternative Final Cover System; and
3. Request for Extension of Period for Closure.

I would like to meet with you soon to review in particular the alternative final cover system so that the County may be able to proceed with the bidding of the project while this request is being considered. I'm available next Tuesday (10/4) (anytime from 9 a.m. on), Wednesday (10/5) (10 a.m. to 1 p.m.) or early the following Monday and Tuesday (10/10 and 10/11) most anytime. Let me know if any of these days/times works for you and/or if you need any additional information.

Thanks.

Pieter

Pieter K. Scheer, P.E.
Vice President, Senior Engineer

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From: Pieter Scheer [mailto:notify@egnyte.com]
Sent: Thursday, September 29, 2016 3:27 PM
To: pieter@smithgardnerinc.com
Cc: pieter@smithgardnerinc.com
Subject: Pieter Scheer has shared a file with you



I've shared a file with you

 [E Mussler 2016-09-29 Letter \(DC C&D Closure Notification & Alt FCS Request\).pdf](#)

Your access expires on 10/30/2016

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